Oras Vega

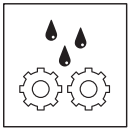
INSTALLATION AND MAINTENANCE GUIDE



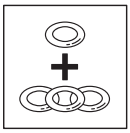

4-7


8-12


13

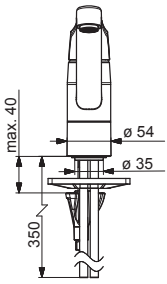

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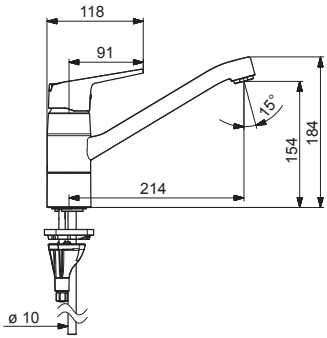

19


20-22

1820G

I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (Eco)
0.29 l/s (300 kPa)
140 kPa (0.2 l/s)
max. +80°C







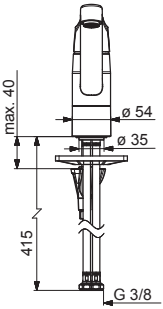
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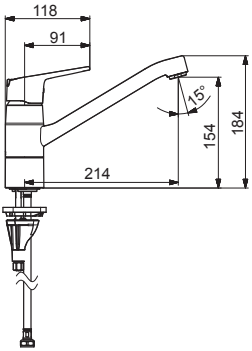
1820FG, 1820FGG

I (ISO 3822)
EN 817
50 - 1000 kPa

0.17 l/s (Eco)	1820FG
0.29 l/s (300 kPa)	1820FG
150 kPa (0.2 l/s)	1820FG
0.11 l/s (Eco)	1820FGG
0.14 l/s (300 kPa)	1820FGG
145 kPa (0.1 l/s)	1820FGG

max. +80°C



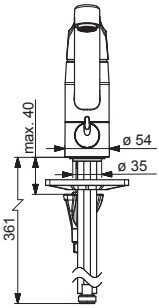


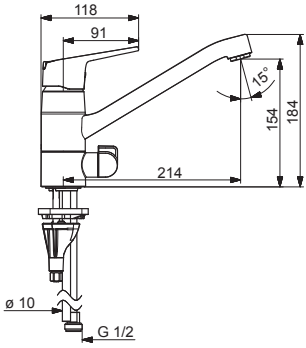


static.oras.com/1820FG

1825G

I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (Eco)
0.29 l/s (300 kPa)
145 kPa (0.2 l/s)
max. +80°C







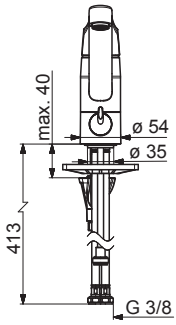
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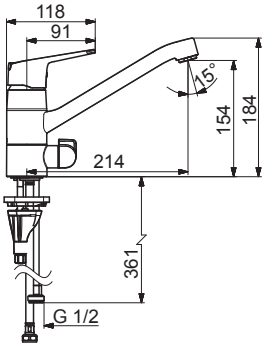
1825FG, 1825FGG

I (ISO 3822)
EN 817
50 - 1000 kPa

0.17 l/s (Eco)	1825FG
0.29 l/s (300 kPa)	1825FG
150 kPa (0.2 l/s)	1825FG
0.11 l/s (Eco)	1825FGG
0.14 l/s (300 kPa)	1825FGG
145 kPa (0.1 l/s)	1825FGG

max. +80°C



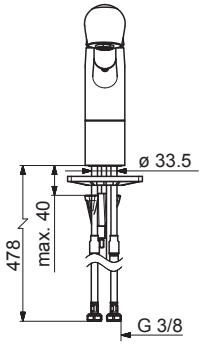


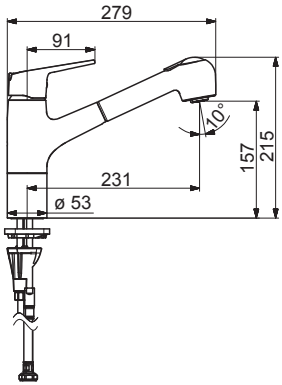


static.oras.com/1825FG

1832FG

I (ISO 3822)
EN 817
50 - 1000 kPa
0.07 l/s (Eco)
0.16 l/s (300 kPa)
90 kPa (0.1 l/s)
max. +80°C



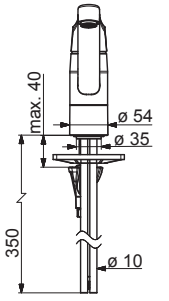


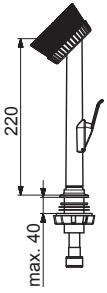


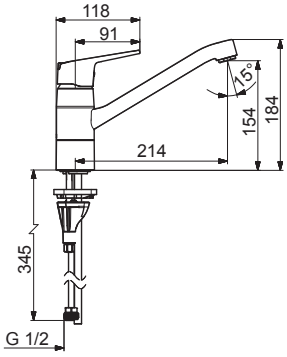
static.oras.com/1832FG

1828G

I (ISO 3822)
EN 817
50 - 1000 kPa
0.07 l/s (Eco)
0.17 l/s (300 kPa)
105 kPa (0.1 l/s)
max. +80°C





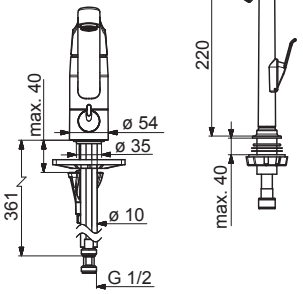




static.oras.com/1828G

1829G

I (ISO 3822)
EN 817
50 - 1000 kPa
0.07 l/s (Eco)
0.17 l/s (300 kPa)
105 kPa (0.1 l/s)
max. +80°C

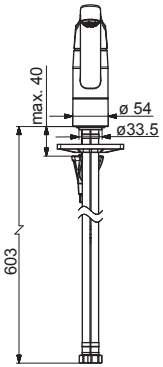


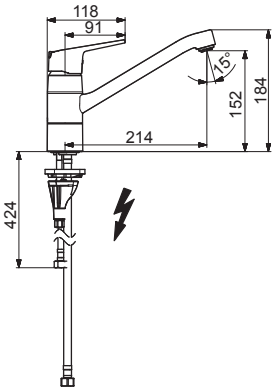


static.oras.com/1829G

1821FG

I (ISO 3822)
EN 817
50 - 500 kPa
0.08 l/s (300 kPa w/Reducer)
max. +80°C







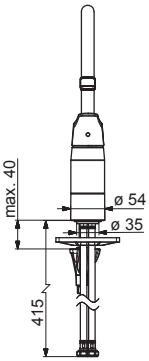
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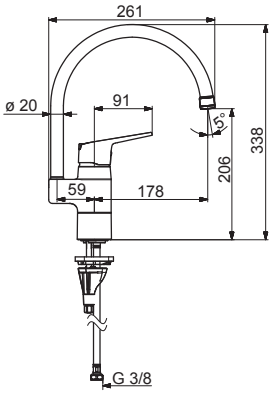
1838FG

I (ISO 3822)
EN 817
50 - 1000 kPa

0.15 l/s (Eco)	1838FG
0.27 l/s (300 kPa)	1838FG
170 kPa (0.2 l/s)	1838FG
0.11 l/s (Eco)	1838FGG
0.14 l/s (300 kPa)	1838FGG
145 kPa (0.1 l/s)	1838FGG

max. +80°C







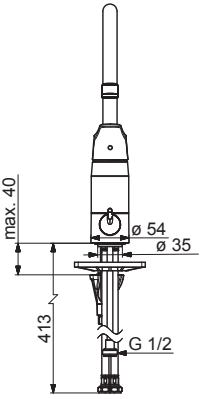
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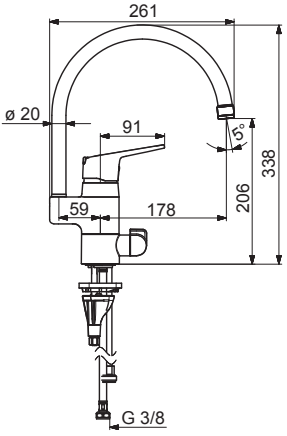
1839FG, 1839FGG

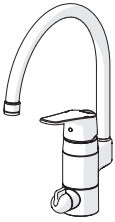
I (ISO 3822)
EN 817
50 - 1000 kPa

0.15 l/s (Eco)	1839FG
0.27 l/s (300 kPa)	1839FG
170 kPa (0.2 l/s)	1839FG
0.11 l/s (Eco)	1839FGG
0.14 l/s (300 kPa)	1839FGG
145 kPa (0.1 l/s)	1839FGG

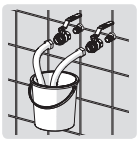
max. +80°C

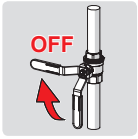


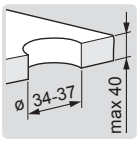




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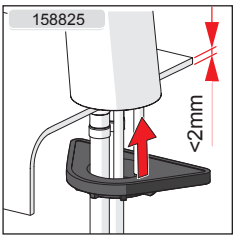


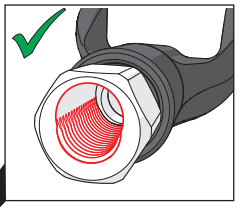


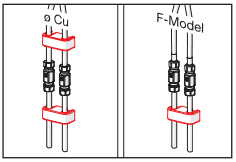


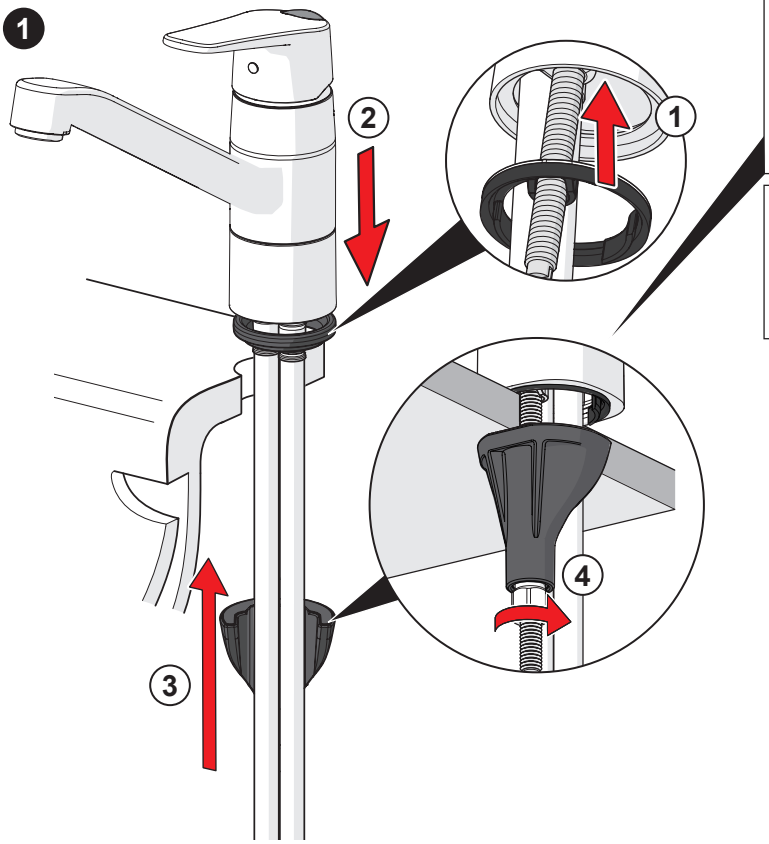


max.
1600 kPa



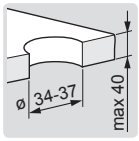














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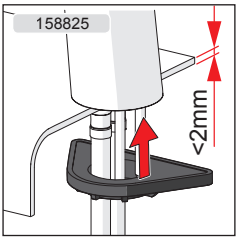
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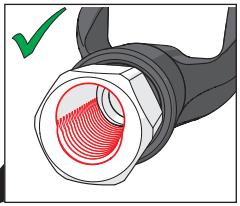


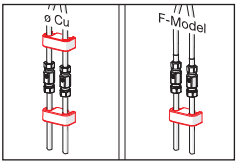
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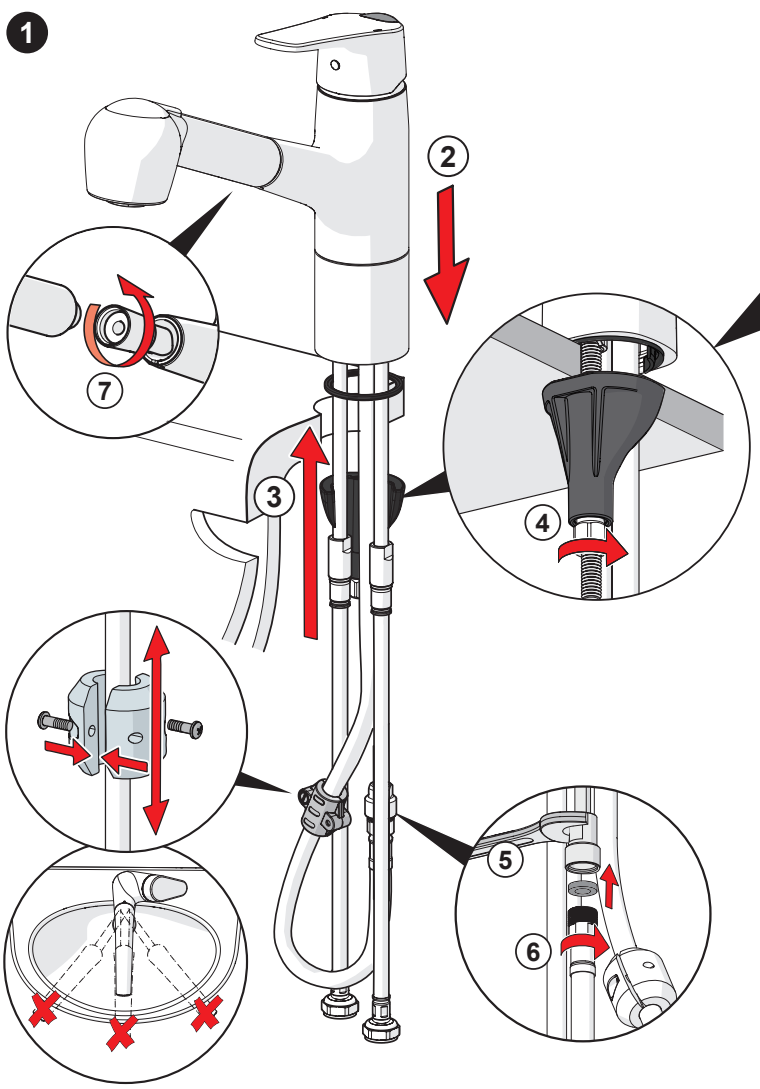


max.
1600 kPa









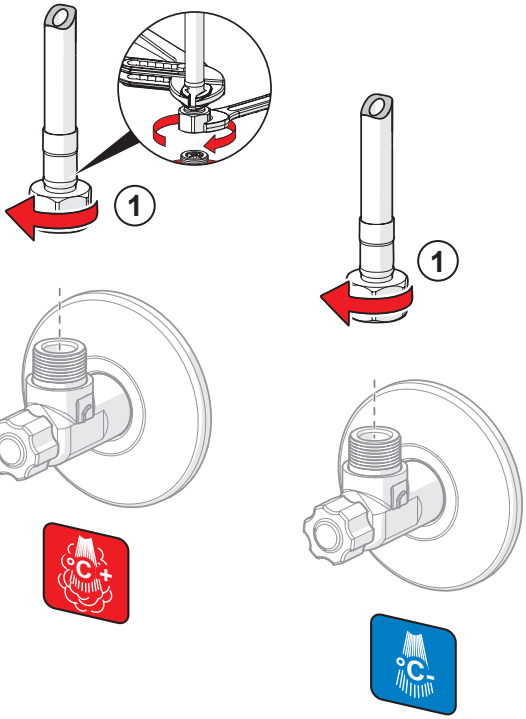


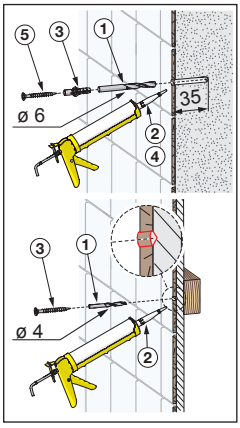


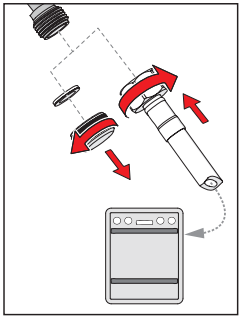
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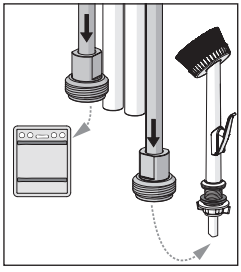


max.
1600 kPa



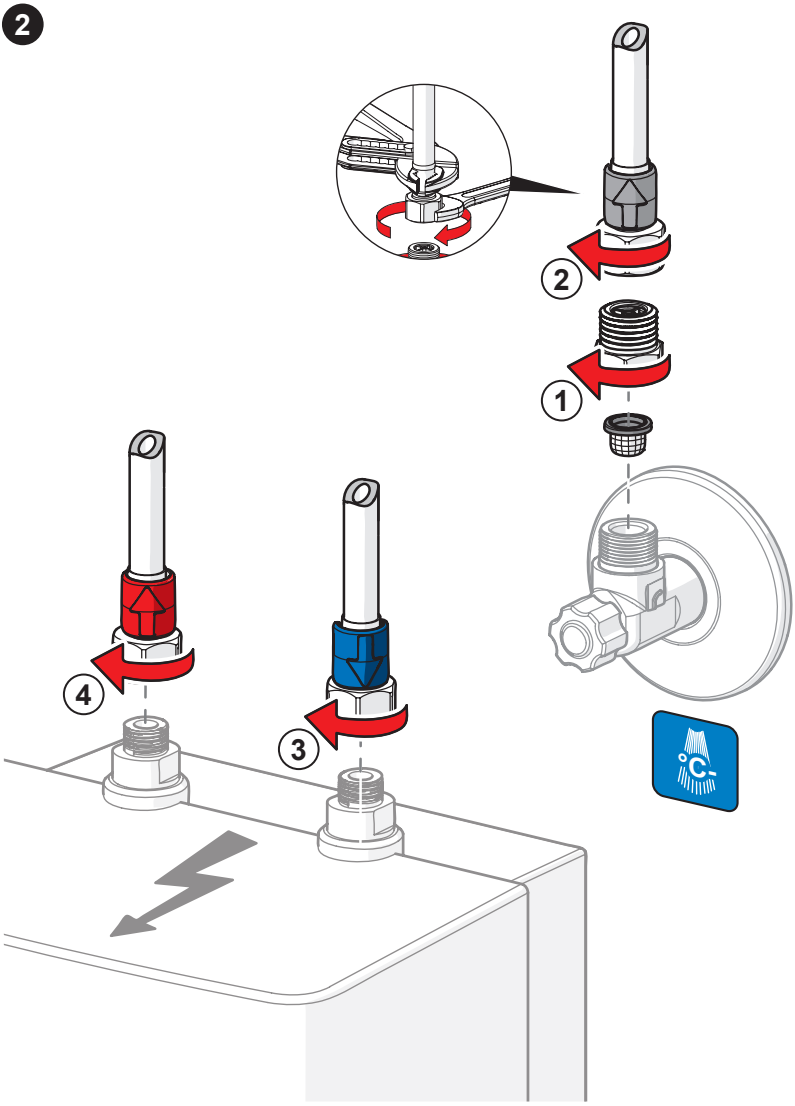






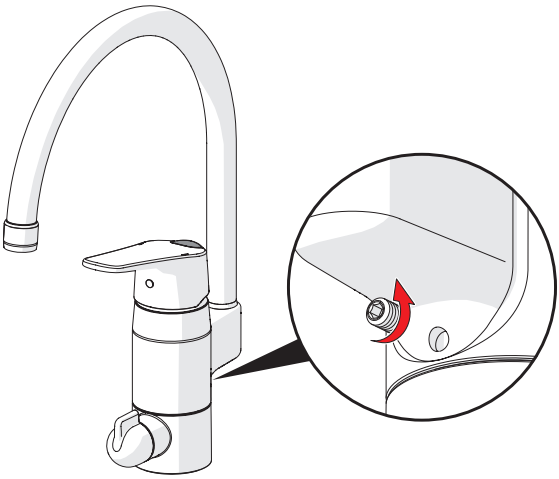
19
①②③④

2

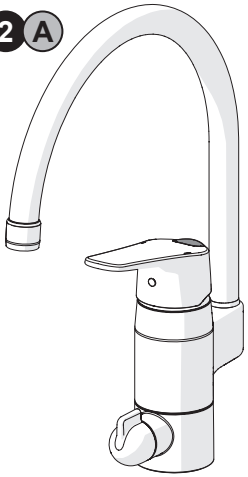


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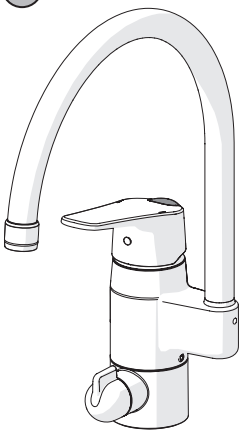
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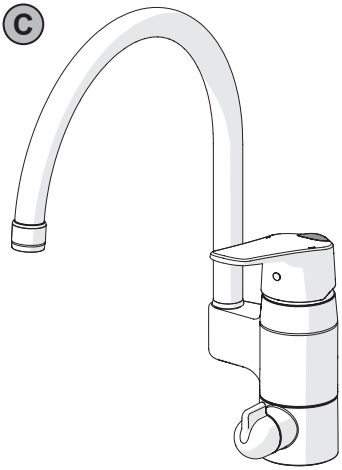
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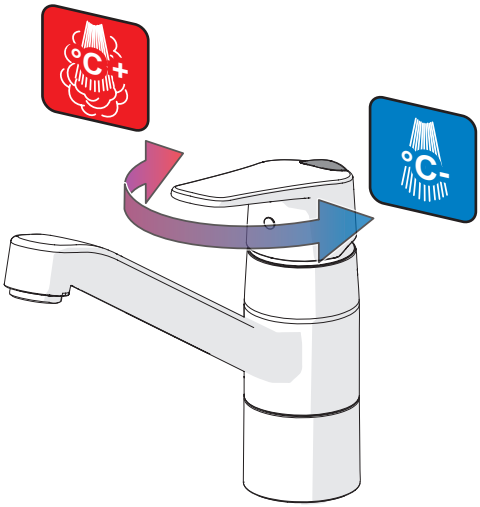


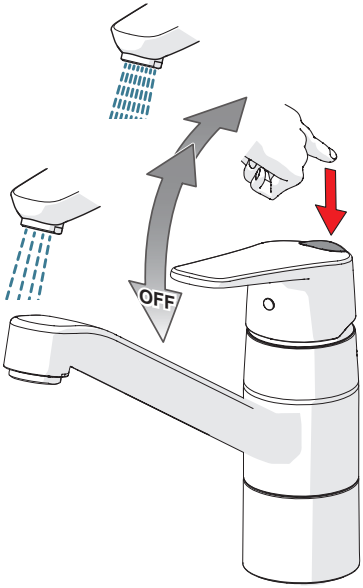
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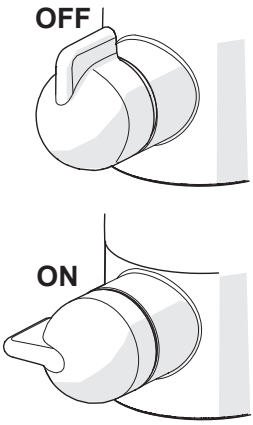


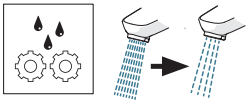
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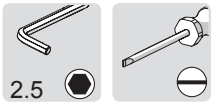



°C +
°C -

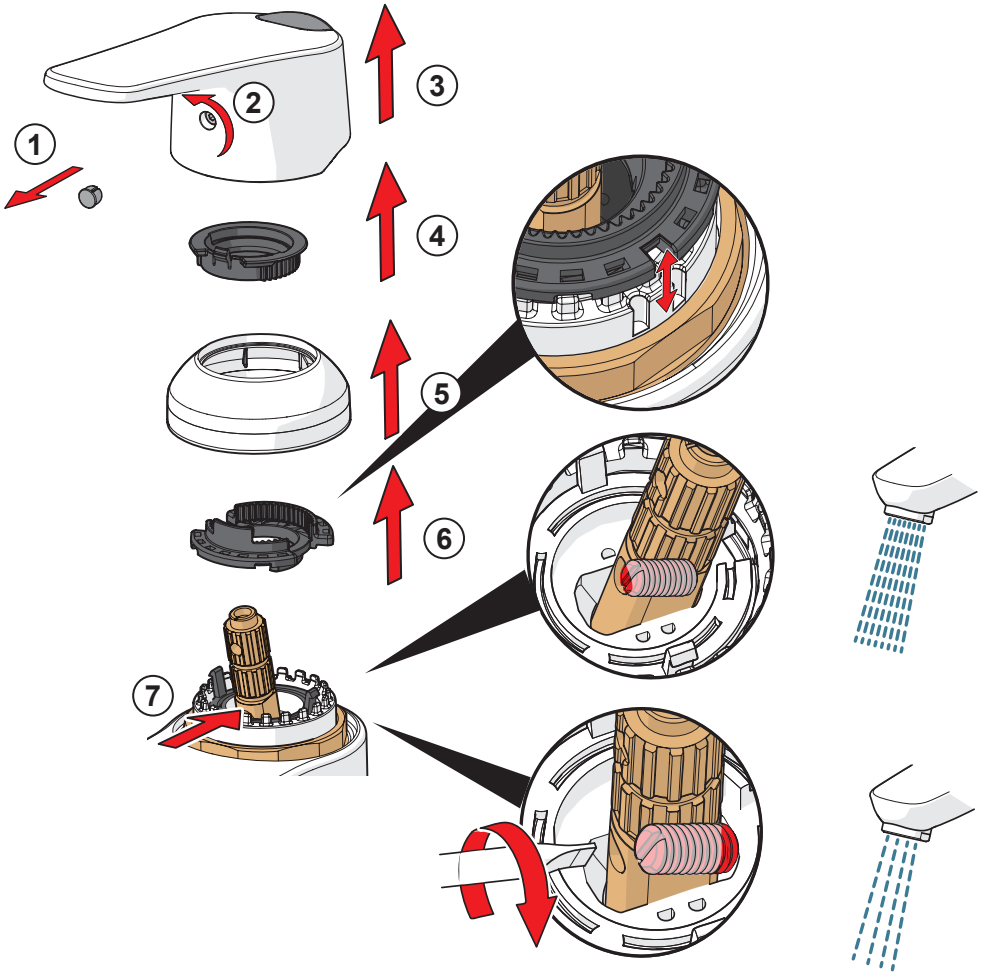

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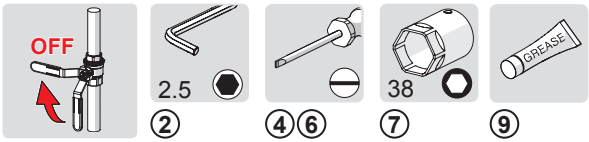

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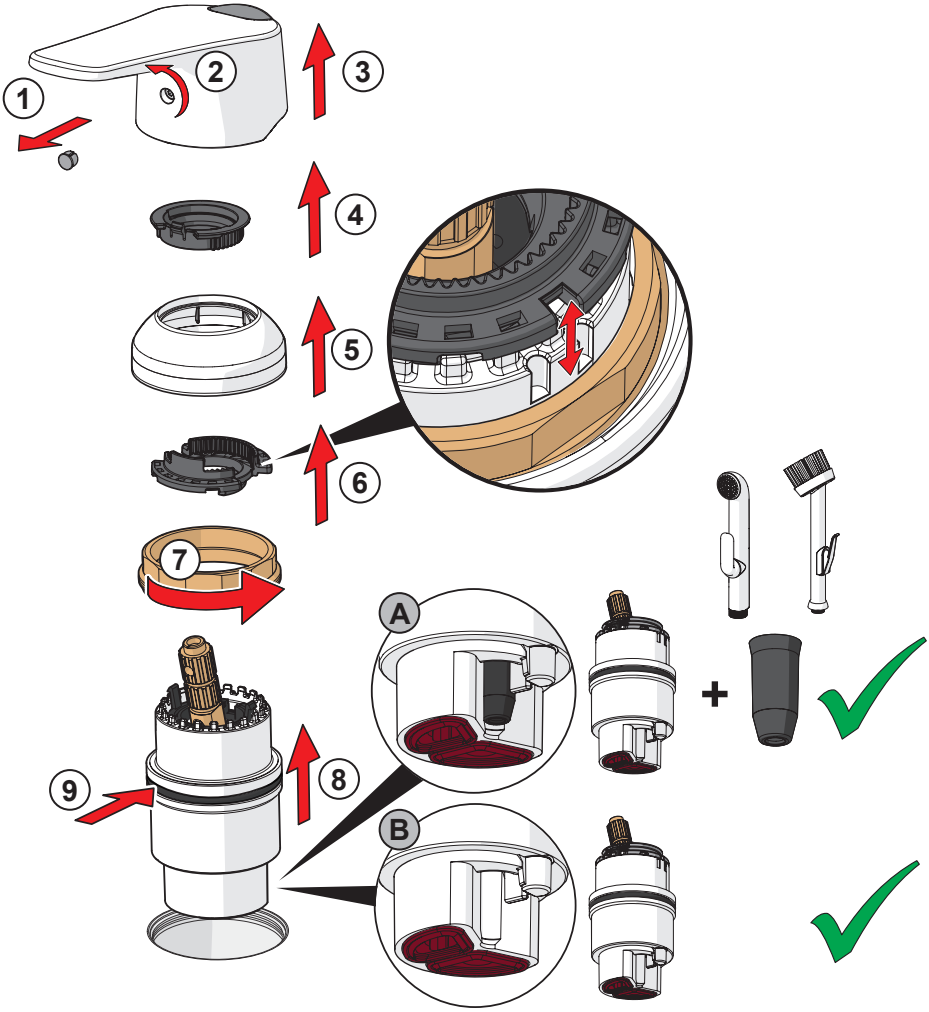


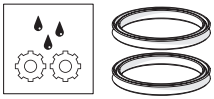


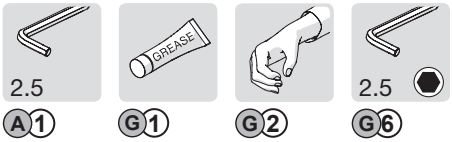
② ③⑤⑥



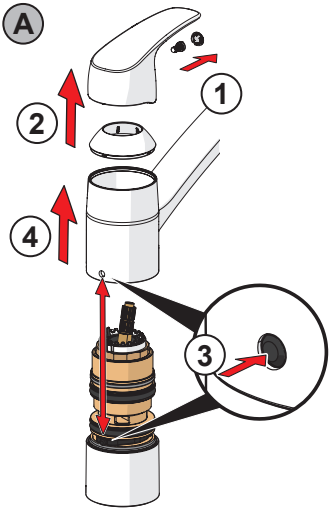

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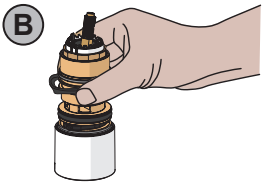

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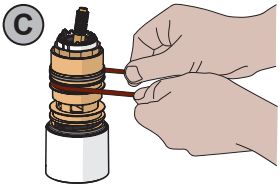


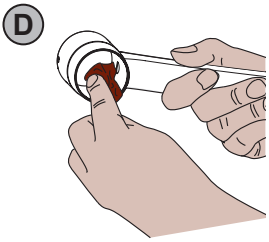


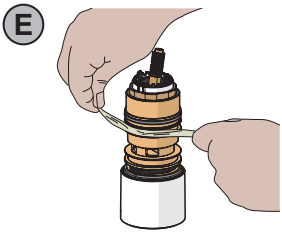
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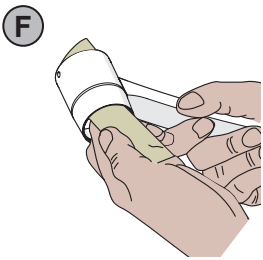


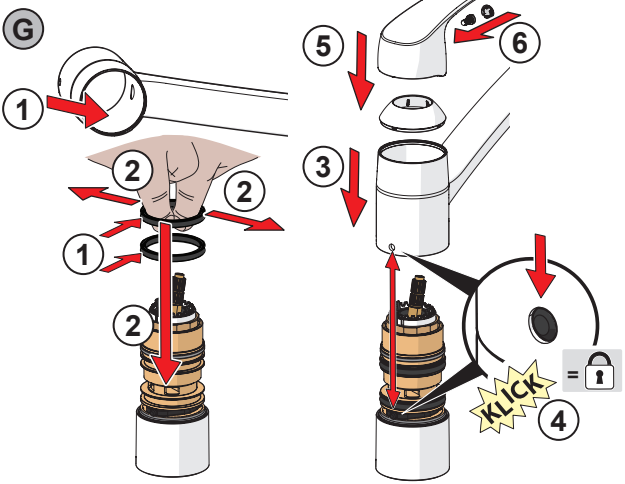


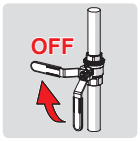






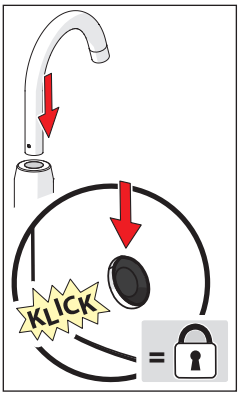


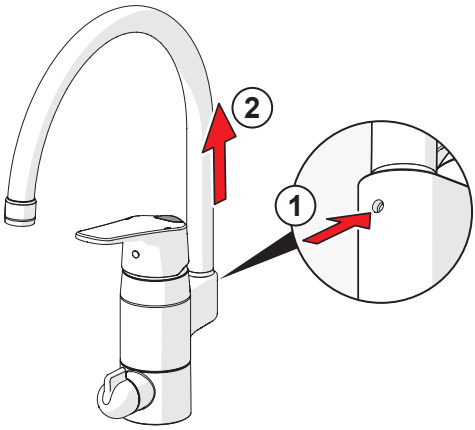


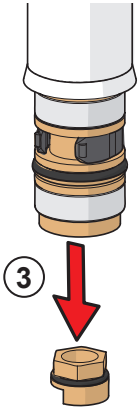




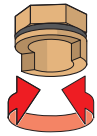
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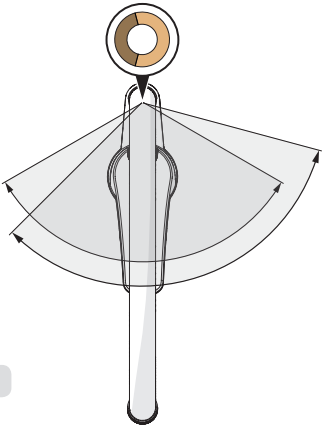




④



120°

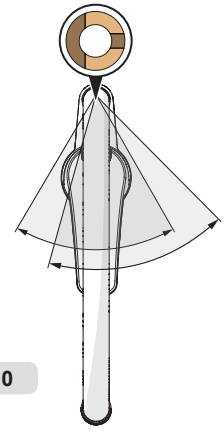


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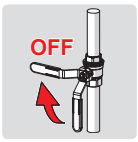
④



60°/0°



159667/10

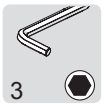




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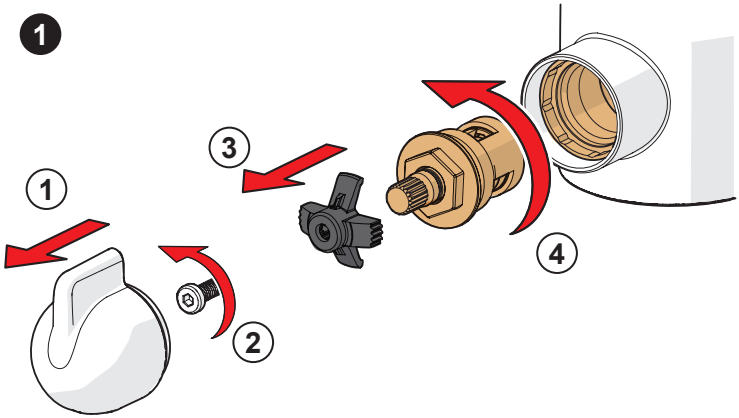


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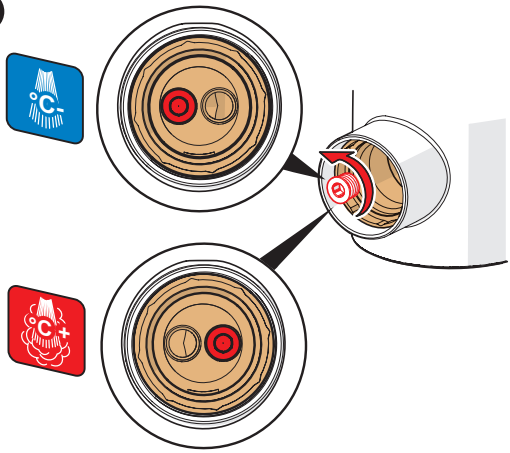


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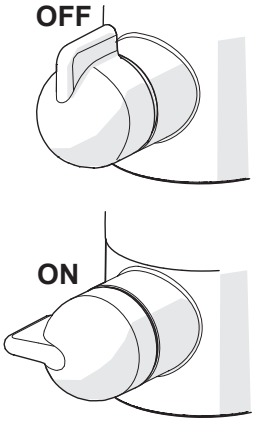
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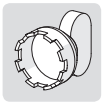


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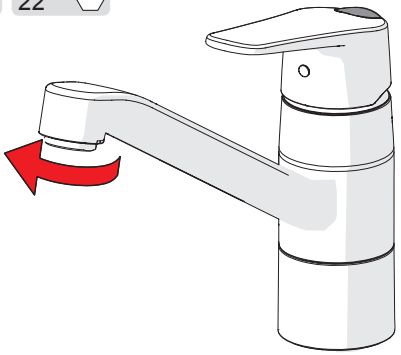


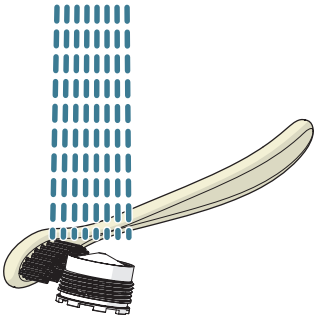
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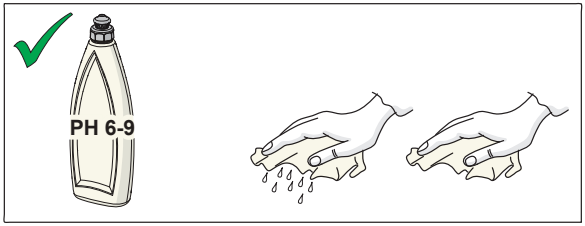


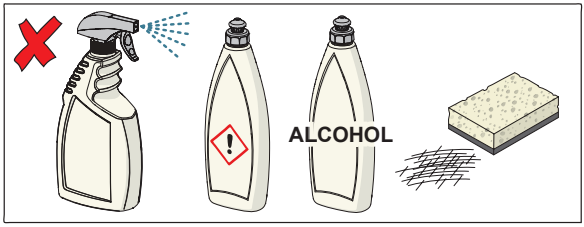








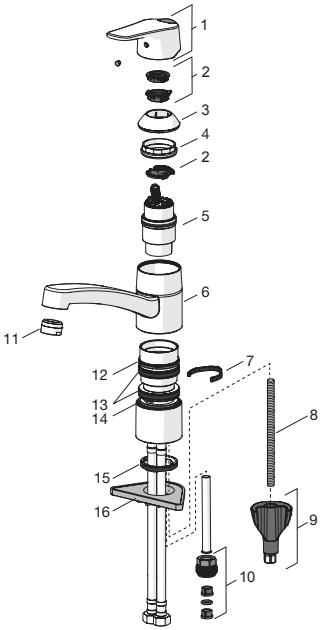




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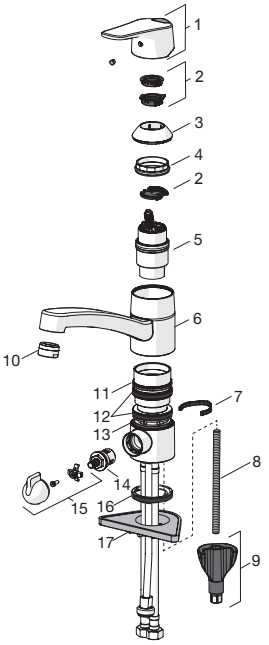
1820FG, 1820G, 1820FGG, 1828G

1 1000935V
2 1004821V
3 602589V
4 158726
5 158890
6 1005585V
7 1002207/10 40° - 80°
7 1001406/10 120°
8 1000780V
9 602610V
10 159684
11 232211
12 601097/10
13 158735
14 159423/10
15 1002371V
16 158825



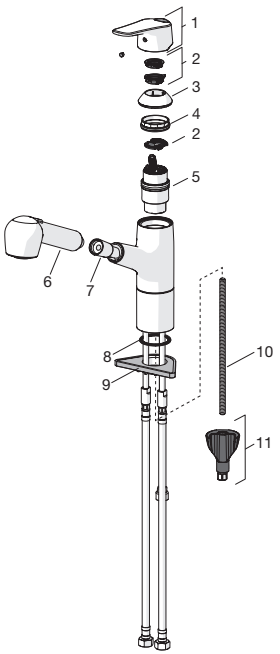
1825FG, 1825G, 1825FGG, 1829G

1 1000935V
2 1004821V
3 602589V
4 158726
5 158890
6 1005585V
7 1002207/10 40° - 80°
7 1001406/10 120°
8 1000780V
9 602a610V
10 232211
11 601097/10
12 158735
13 159423/10
14 602600V
15 1005697V
16 1002371V
17 158825



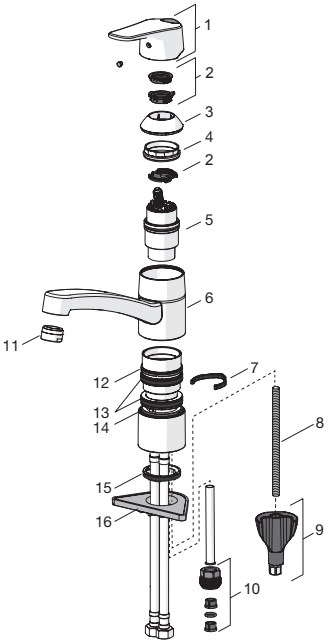
1832FG

1 1000935V
2 1004821V
3 602589V
4 158726
5 158890
6 126010
7 600533V
8 159431/10
9 158825
10 1000780V
11 602610V



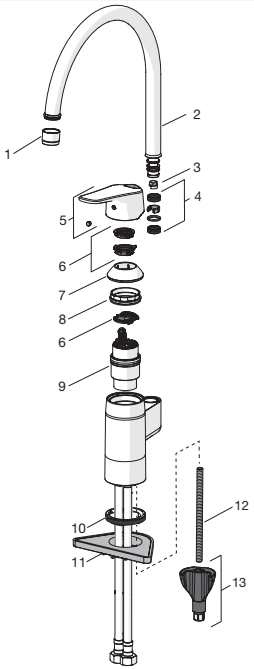
1821FG

1 1000935V
2 1004821V
3 602589V
4 158726
5 158783V
6 1005585V
7 1002207/10 40° - 80°
7 1001406/10 120°
8 1000780V
9 602610V
10 159684
11 158556
12 601097/10
13 158735
14 159423/10
15 1002371V
16 158825



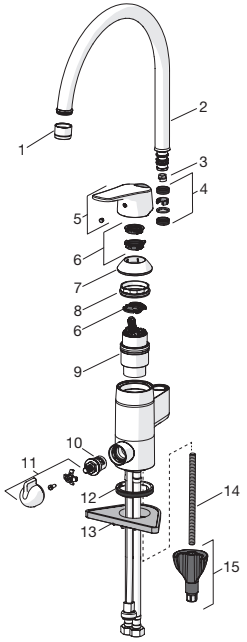
1838FG, 1838FGG

1	232201	
2	159695V	
3	159667/10	60°/0°
3	159670/10	120°
3	159667V	60°/0°
4	159499	
5	1000935V	
6	1004821V	
7	602589V	
8	158726	
9	158890	
10	1002371V	
11	158825	
12	1000780V	
13	602610V	



1839FG, 1839FGG

1	232201	
2	159695V	
3	159667/10	60°/0°
3	159670/10	120°
3	159667V	60°/0°
4	159499	
5	1000935V	
6	1004821V	
7	602589V	
8	158726	
9	158890	
10	602600V	
11	1005697V	
12	1002371V	
13	158825	
14	1000780V	
15	602610V	



Oras Group is a powerful European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe. The company's mission is to make the use of water easy and sustainable and its vision is to become the European leader of advanced sanitary fittings. Oras Group has two strong brands, Oras and Hansa.

The head office of the Group is located in Rauma, Finland, and the Group has three manufacturing sites: Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland). Oras Group employs approximately 1400 people in twenty countries. Oras Group is owned by Oras Invest, a family company and an industrial owner.

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